Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 16 May 2022 until 23:59 on Tuesday 17 May 2022

Forecast Issued on Monday 16 May 2022 at 04:31

Confidence: High for more unsettled conditions over the coming days, but only moderate confidence in the details of showers/thunderstorms on Monday.

Headline for Monday 16 May 2022: Cloudy with outbreaks of rain or showers, heavy and possibly thundery at times. Drier and sunnier later in the day.

Mountain weather hazards on Monday 16 May 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Heavy Rain	Heavy rain showers	Thundery showers	Sunny intervals	Partly cloudy (night)
Precipitation probability					
70%	90%	70%	70%	20%	10%

Forecast for Monday 16 May 2022

Weather: Cloudy with spells of rain, heavy and possibly thundery at times, moving north during Monday morning. Becoming drier and brighter into the afternoon, but heavy, perhaps thundery showers developing. Showers easing by evening, then staying dry with clear spells after dusk.

Chance of cloud-free hill tops above 600m: 10% chance during the morning, increasing to 70% from early afternoon, then 95% by late-afternoon and evening.

Low cloud and visibility: Poor or very poor in rain or showers, with widespread cloud bases down to 300-400m during the morning. Becoming good or very good by late-afternoon and evening, with cloud bases gradually lifting above the summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Monday 16 May 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/19 SE	14/19 SE	14/19 SW	15/21 SW	15/20 SW	11/15 SW	12/16 SW
300	9/13 NE	12/18 SE	12/18 SW	12/18 SW	10/16 SW	7/11 SW	8/13 S
Valley	11/17 E	6/14 SE	8/16 SW	7/15 SW	7/16 SW	4/10 S	4/12 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	12/9	13/10	13/11	13/10	11/9	10/8
300	12/10	13/11	15/14	16/14	16/14	13/12	12/11
Valley	12/10	14/13	16/16	17/16	16/15	13/12	11/11
Freezing Level*	2700m	2600m	2400m	2400m	2200m	1900m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The wind may become rather gusty near heavier showers and thunderstorms, with gusts 10mph higher than indicated. UV levels will be high during any sunny spells and sun protection is recommended. Poor visibilities owing to extensive low cloud through the morning will make navigation at height extremely difficult.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 16 May 2022	4mm	4mm	4mm

Forecast for Tuesday 17 May 2022

Weather: Early mist and fog patches soon clearing to leave a mostly fine and dry day, with sunny spells. Feeling very warm in the sunshine. However, cloud will increase from the west later in the day, with outbreaks of rain arriving by the evening.

Maximum wind: Southerly 20-25mph, with occasional gusts up to 30-35mph on the summits.

Chance of cloud-free hill tops above 600m: 40% chance at first, increasing to 95% by midday.

Low cloud and visibility: Generally good or very good throughout.

Temperature: **Valleys:** Plus 11 Celsius, becoming Plus 20 Celsius.
At 600m: Plus 9 Celsius, becoming Plus 17 Celsius.
Freezing level: Above the summits.

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